

ABSTRACT

A method for manufacturing coagulated particles from a latex prepared by emulsion polymerization has been eagerly demanded, which provides coagulated particles having a low content of fine powder and a low water content, and makes possible a granulating operation in the vicinity of the softening temperature of the polymer. A method for manufacturing coagulated particles from a latex prepared by emulsion polymerization is provided which comprises step (A) of adjusting the temperature of a latex prepared by emulsion polymerization within the range of $T_m \pm 15^\circ\text{C}$ wherein T_m represents the softening temperature of the polymer in the latex; step (B) of adding polyethylene oxide; step (C) of adding a coagulant to cause phase separation of a polymer component from an aqueous phase; step (D) of further adding a coagulant to form an aqueous suspension containing coagulated polymer particles having a volume-average particle size of 50 to 500 μm ; and step (E) of adjusting the temperature of the suspension to T_m or more.